Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	FEB 28	PATDPAFULL - New display fields provide for legal status data from INPADOC
NEWS	4	FEB 28	BABS - Current-awareness alerts (SDIs) available
NEWS	5	MAR 02	GBFULL: New full-text patent database on STN
NEWS	6	MAR 03	REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 22	KOREAPAT now updated monthly; patent information enhanced
NEWS	9	MAR 22	Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS	10	MAR 22	PATDPASPC - New patent database available
NEWS	11	MAR 22	REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS	12	APR 04	EPFULL enhanced with additional patent information and new fields
NEWS	13	APR 04	EMBASE - Database reloaded and enhanced
NEWS	14	APR 18	New CAS Information Use Policies available online
NEWS	15	APR 25	Patent searching, including current-awareness alerts (SDIs), based on application date in CA/CAplus and USPATFULL/USPAT2 may be affected by a change in filing date for U.S. applications.
NEWS	16	APR 28	Improved searching of U.S. Patent Classifications for U.S. patent records in CA/CAplus
NEWS	17	MAY 23	GBFULL enhanced with patent drawing images
NEWS	18	MAY 23	REGISTRY has been enhanced with source information from CHEMCATS
NEWS	19	JUN 06	The Analysis Edition of STN Express with Discover! (Version 8.0 for Windows) now available
NEWS	20	JUN 13	RUSSIAPAT: New full-text patent database on STN
NEWS	21	JUN 13	FRFULL enhanced with patent drawing images
NEWS	22	JUN 27	MARPAT displays enhanced with expanded G-group definitions and text labels
NEWS	23	JUL 01	MEDICONF removed from STN
NEWS	24	JUL 07	STN Patent Forums to be held in July 2005
NEWS	25	JUL 13	SCISEARCH reloaded

NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 06:25:36 ON 19 JUL 2005

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.84	0.84

FILE 'REGISTRY' ENTERED AT 06:27:51 ON 19 JUL 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 17 JUL 2005 HIGHEST RN 855596-49-5
DICTIONARY FILE UPDATES: 17 JUL 2005 HIGHEST RN 855596-49-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

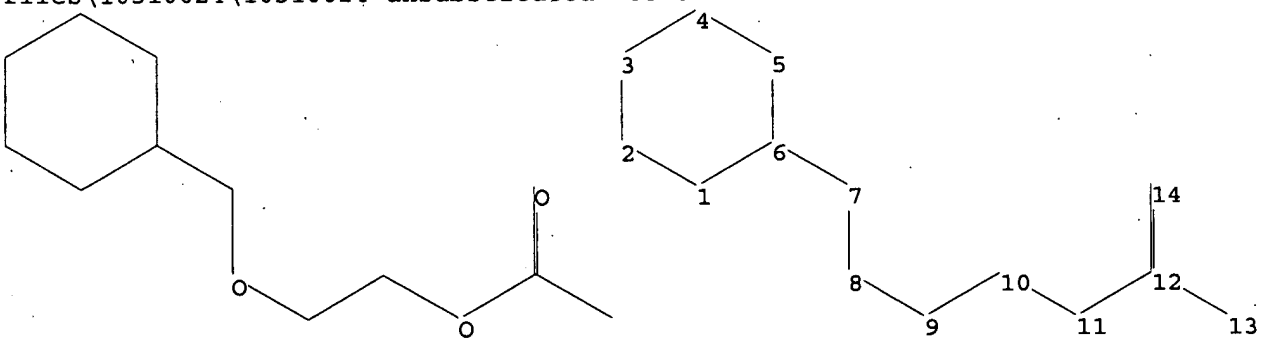
Please note that search-term pricing does apply when conducting SmartSELECT searches.

```
**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,    *
* effective March 20, 2005. A new display format, IDERL, is now      *
* available and contains the CA role and document type information.  *
*                                                                    *
**********************************************************************
```

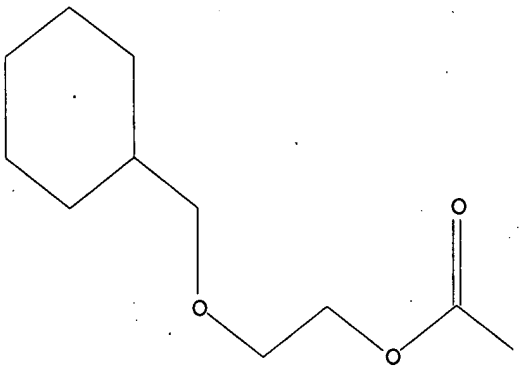
Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10510024\10510024 unsubstituted core.str



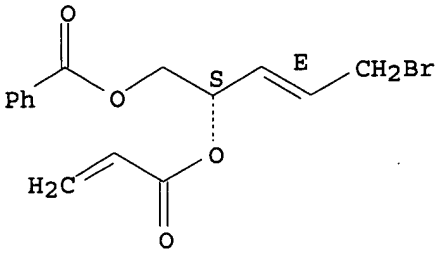
```
chain nodes :
7  8  9  10  11  12  13  14
ring nodes :
1  2  3  4  5  6
chain bonds :
6-7  7-8  8-9  9-10  10-11  11-12  12-13  12-14
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6
exact/norm bonds :
1-2  1-6  2-3  3-4  4-5  5-6  7-8  8-9  10-11  11-12  12-14
exact bonds :
6-7  9-10  12-13

Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:CLASS  8:CLASS  9:CLASS  10:CLASS
 11:CLASS  12:CLASS  13:CLASS  14:CLASS


L1      STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1              STR
```




```
Structure attributes must be viewed using STN Express query preparation.


=> search l1 sss sam
SAMPLE SEARCH INITIATED 06:28:12 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -  14803 TO ITERATE

 13.5% PROCESSED     2000 ITERATIONS                                  50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:       288773 TO   303347
PROJECTED ANSWERS:            8443 TO    11095

L2           50 SEA SSS SAM L1

=> d scan

L2   50 ANSWERS   REGISTRY  COPYRIGHT 2005 ACS on STN
IN   2-Propenoic acid, (1S,2E)-1-[(benzoyloxy)methyl]-4-bromo-2-butenyl ester
```

(9CI)
MF C15 H15 Br O4

Absolute stereochemistry. Rotation (+).
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

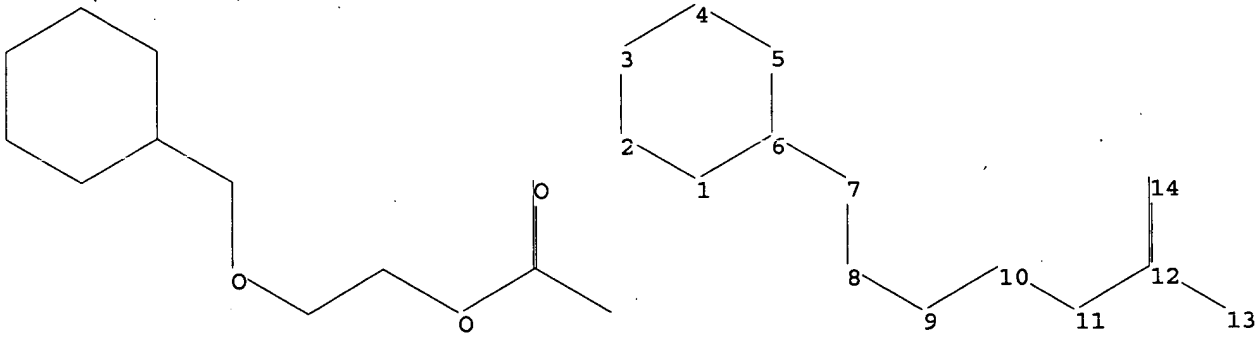
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> d cost

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
CONNECT CHARGES	0.74	1.34
NETWORK CHARGES	0.12	0.36
FULL ESTIMATED COST	0.86	1.70

IN FILE 'REGISTRY' AT 06:28:49 ON 19 JUL 2005

=>
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10510024\10510024 unsubstituted core2.str

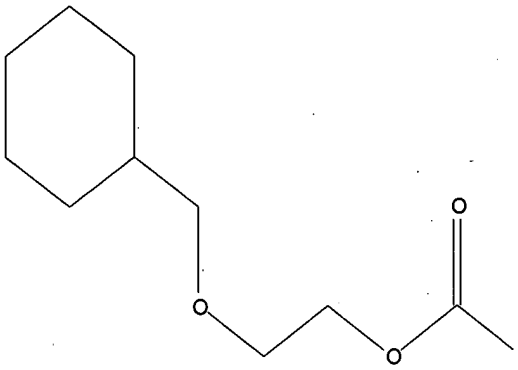


chain nodes :
7 8 9 10 11 12 13 14
ring nodes :
1 2 3 4 5 6
chain bonds :
6-7 7-8 8-9 9-10 10-11 11-12 12-13 12-14
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 8-9 10-11 11-12 12-14
exact bonds :
6-7 9-10 12-13

Hydrogen count :
1:>= minimum 2 2:>= minimum 2 3:>= minimum 2 5:>= minimum 2 6:>= minimum 1
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
 11:CLASS 12:CLASS 13:CLASS 14:CLASS

L3 STRUCTURE UPLOADED

=> d l3
L3 HAS NO ANSWERS
L3 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l3 sss sam
SAMPLE SEARCH INITIATED 06:30:36 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 14803 TO ITERATE

 13.5% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS: 288773 TO 303347
PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L3

=> search l3 sss full
FULL SEARCH INITIATED 06:31:36 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 296742 TO ITERATE

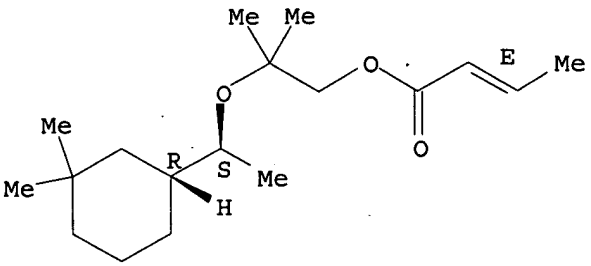
100.0% PROCESSED 296742 ITERATIONS 74 ANSWERS
SEARCH TIME: 00.00.02

L5 74 SEA SSS FUL L3

=> d scan

L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 2-Butenoic acid, 2-[(1S)-1-[(1R)-3,3-dimethylcyclohexyl]ethoxy]-2-
    methylpropyl ester, (2E)- (9CI)
MF C18 H32 O3

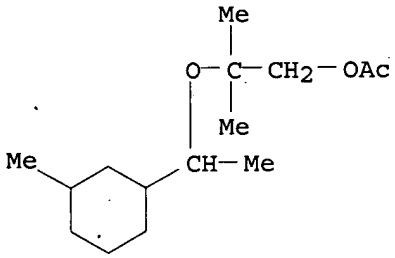
Absolute stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

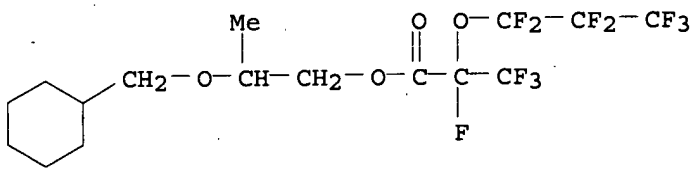
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 1-Propanol, 2-methyl-2-[1-(3-methylcyclohexyl)ethoxy]-, acetate (9CI)
MF C15 H28 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

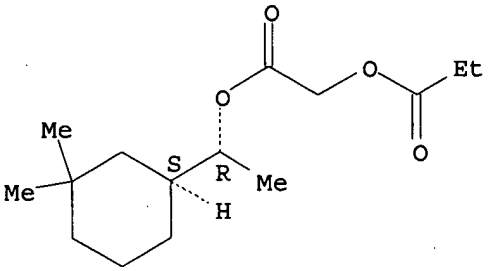
L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-,
2-(cyclohexylmethoxy)propyl ester (9CI)
MF C16 H19 F11 O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Acetic acid, (1-oxopropoxy)-, (1R)-1-[(1S)-3,3-dimethylcyclohexyl]ethyl
ester (9CI)
MF C15 H26 O4

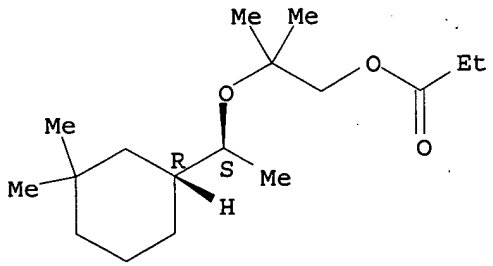
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 1-Propanol, 2-[1-(3,3-dimethylcyclohexyl)ethoxy]-2-methyl-, propanoate, (R*,S*)- (9CI)
MF C17 H32 O3

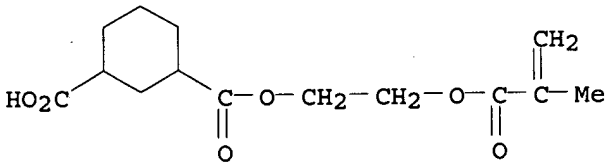
Relative stereochemistry.



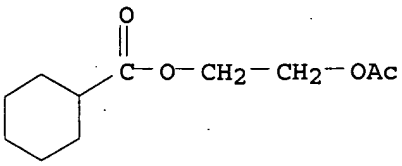
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 1,3-Cyclohexanedicarboxylic acid, mono[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl] ester, homopolymer (9CI)
MF (C14 H20 O6)x
CI PMS

CM 1

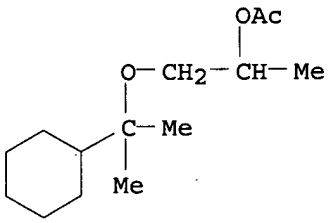


L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Cyclohexanecarboxylic acid, 2-hydroxyethyl ester, acetate (8CI)
MF C11 H18 O4



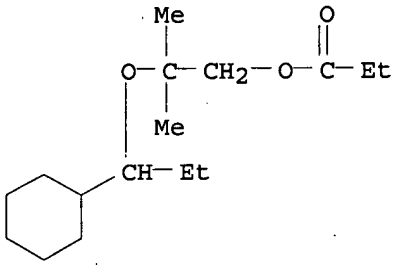
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 2-Propanol, 1-(1-cyclohexyl-1-methylethoxy)-, acetate (9CI)
MF C14 H26 O3



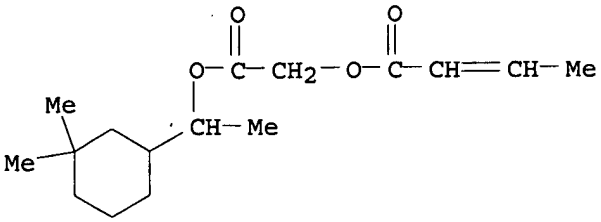
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 1-Propanol, 2-(1-cyclohexylpropoxy)-2-methyl-, propanoate (9CI)
MF C16 H30 O3



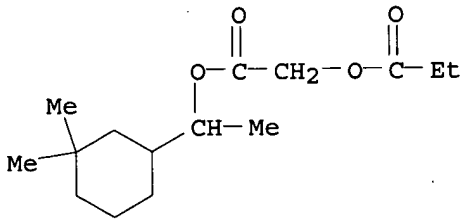
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 2-Butenoic acid, 2-[1-(3,3-dimethylcyclohexyl)ethoxy]-2-oxoethyl ester (9CI)
MF C16 H26 O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

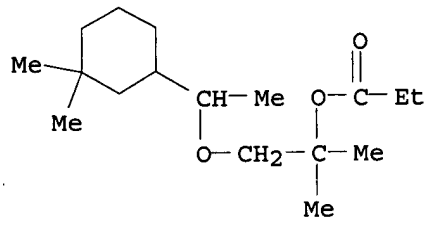
L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Acetic acid, (1-oxopropoxy)-, 1-(3,3-dimethylcyclohexyl)ethyl ester (9CI)
MF C15 H26 O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

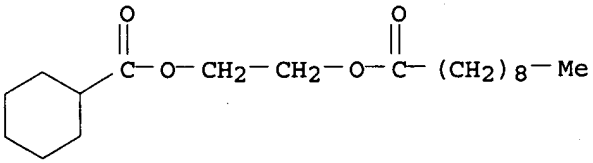
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 2-Propanol, 1-[1-(3,3-dimethylcyclohexyl)ethoxy]-2-methyl-, propanoate (9CI)
MF C17 H32 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

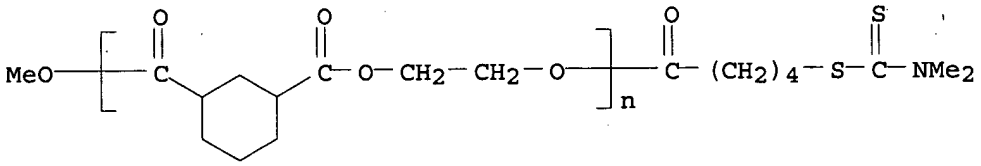
L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Decanoic acid, 2-hydroxyethyl ester, cyclohexanecarboxylate (8CI)
MF C19 H34 O4



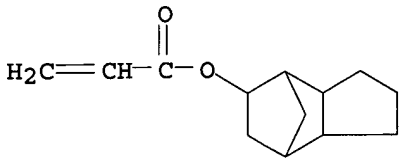
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 2-Propenoic acid, 2-hydroxyethyl ester, polymer with α-[5-[[(dimethylamino)thioxomethyl]thio]-1-oxopentyl]-ω-methoxypoly(oxy-1,2-ethanediyloxycarbonyl-1,3-cyclohexanediylcarbonyl) and octahydro-4,7-methano-1H-inden-5-yl 2-propenoate, diblock (9CI)
MF (C13 H18 O2 . (C10 H14 O4)n C9 H17 N O2 S2 . C5 H8 O3)x
CI PMS

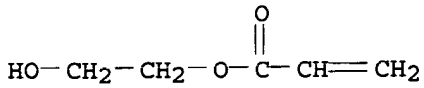
CM 1



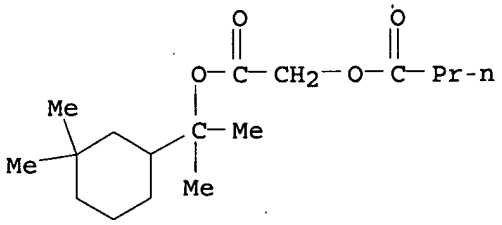
CM 2



CM 3

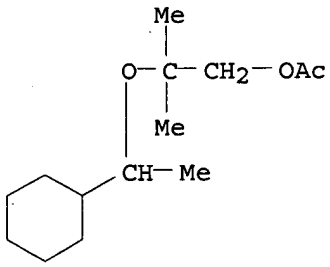


L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Butanoic acid, 2-[1-(3,3-dimethylcyclohexyl)-1-methylethoxy]-2-oxoethyl ester (9CI)
MF C17 H30 O4



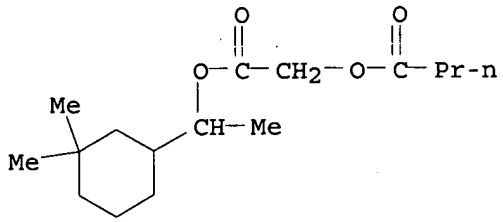
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 1-Propanol, 2-(1-cyclohexylethoxy)-2-methyl-, acetate (9CI)
MF C14 H26 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

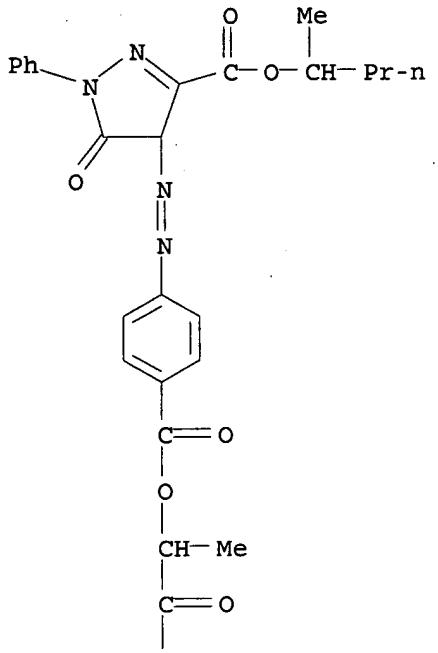
L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Butanoic acid, 2-[1-(3,3-dimethylcyclohexyl)ethoxy]-2-oxoethyl ester (9CI)
MF C16 H28 O4



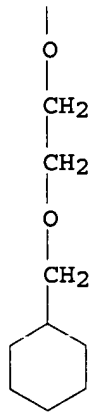
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 1H-Pyrazole-3-carboxylic acid, 4-[[4-[[2-[2-(cyclohexylmethoxy)ethoxy]-1-methyl-2-oxoethoxy]carbonyl]phenyl]azo]-4,5-dihydro-5-oxo-1-phenyl-, 1-methylbutyl ester (9CI)
MF C34 H42 N4 O8

PAGE 1-A

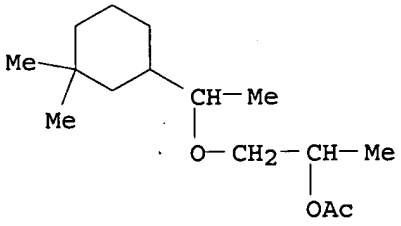


PAGE 2-A



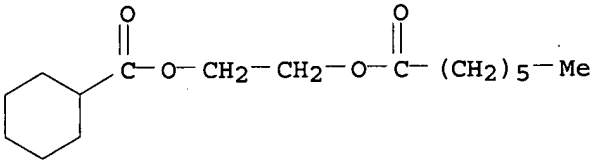
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 2-Propanol, 1-[1-(3,3-dimethylcyclohexyl)ethoxy]-, acetate (9CI)
MF C15 H28 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

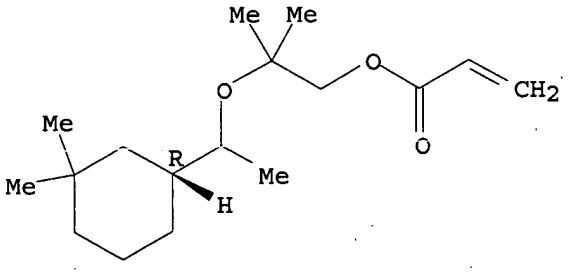
L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Heptanoic acid, 2-hydroxyethyl ester cyclohexanecarboxylate (8CI)
MF C16 H28 O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 2-Propenoic acid, 2-[1-[(1R)-3,3-dimethylcyclohexyl]ethoxy]-2-methylpropyl ester (9CI)
MF C17 H30 O3

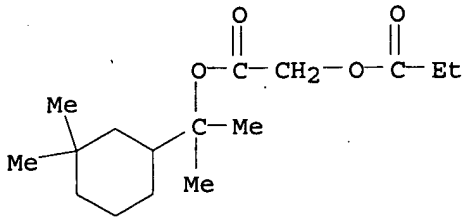
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

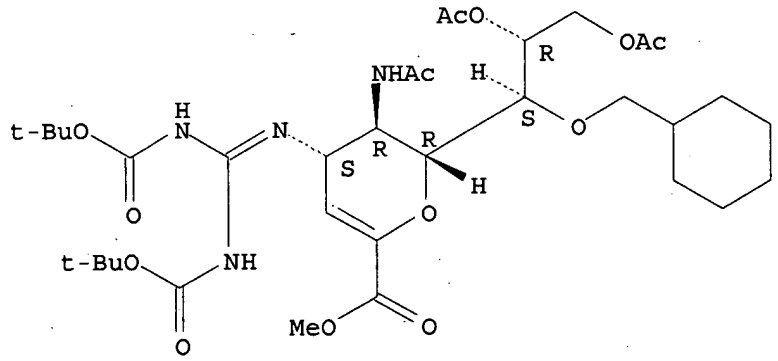
L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Acetic acid, (1-oxopropoxy)-, 1-(3,3-dimethylcyclohexyl)-1-methylethyl ester (9CI)
MF C16 H28 O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN D-glycero-D-galacto-Non-2-enonic acid, 5-(acetylamino)-2,6-anhydro-4-[[bis[[(1,1-dimethylethoxy)carbonyl]amino]methylene]amino]-7-O-(cyclohexylmethyl)-3,4,5-trideoxy-, methyl ester, 8,9-diacetate (9CI)
MF C34 H54 N4 O13

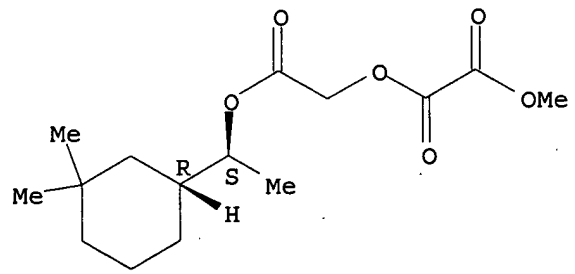
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Ethanedioic acid, 2-[(1S)-1-[(1R)-3,3-dimethylcyclohexyl]ethoxy]-2-oxoethyl methyl ester (9CI)
MF C15 H24 O6

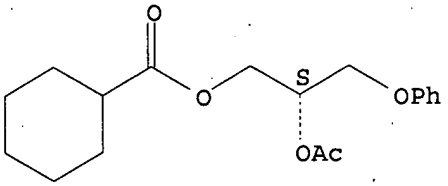
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

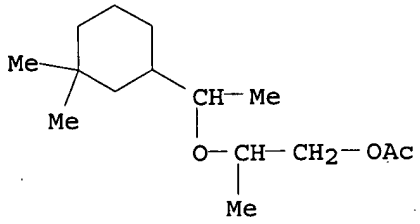
L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Cyclohexanecarboxylic acid, 2-(acetyloxy)-3-phenoxypropyl ester, (S)-(9CI)
MF C18 H24 O5

Absolute stereochemistry.



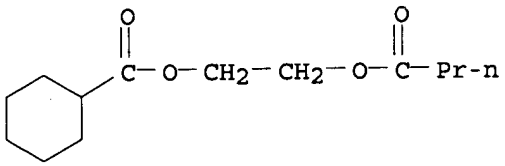
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 1-Propanol, 2-[1-(3,3-dimethylcyclohexyl)ethoxy]-, acetate (9CI)
MF C15 H28 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Cyclohexanecarboxylic acid, 2-hydroxyethyl ester butyrate (8CI)
MF C13 H22 O4

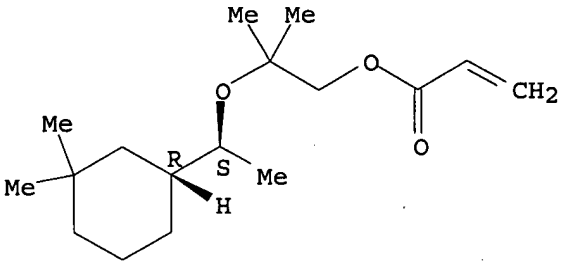


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 2-Propenoic acid, 2-[(1S)-1-[(1R)-3,3-dimethylcyclohexyl]ethoxy]-2-methylpropyl ester (9CI)

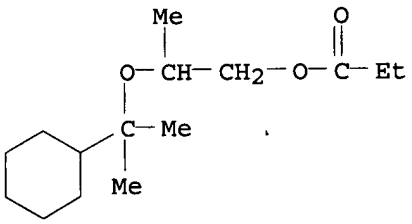
MF C17 H30 O3

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

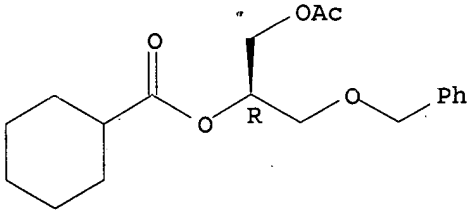
L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 1-Propanol, 2-(1-cyclohexyl-1-methylethoxy)-, propanoate (9CI)
MF C15 H28 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Cyclohexanecarboxylic acid, (1R)-1-[(acetyloxy)methyl]-2-(phenylmethoxy)ethyl ester (9CI)
MF C19 H26 O5

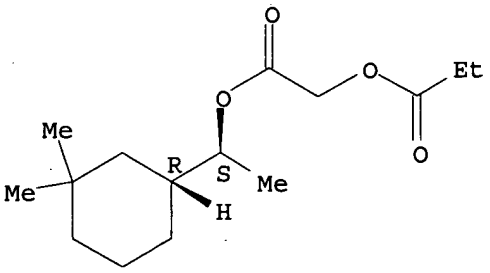
Absolute stereochemistry. Rotation (-).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 74 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Acetic acid, (1-oxopropoxy)-, (1S)-1-[(1R)-3,3-dimethylcyclohexyl]ethyl ester (9CI)
MF C15 H26 O4

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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ANSWER SET L5 HAS BEEN SAVED AS 'RAWFINDS/A'

=> file caplus'
'CAPLUS'' IS NOT A VALID FILE NAME
SESSION CONTINUES IN FILE 'REGISTRY'
Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	165.20	166.04

FILE 'CAPLUS' ENTERED AT 06:33:54 ON 19 JUL 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 19 Jul 2005 VOL 143 ISS 4
FILE LAST UPDATED: 18 Jul 2005 (20050718/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> l5
L6 21 L5

=> save temp odorrefs/a

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ENTER L#, L# RANGE, ALL, OR (END):16
ANSWER SET L6 HAS BEEN SAVED AS 'ODORREFS/A'

=> odor
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        11508 ODORS
L7      69532 ODOR
              (ODOR OR ODORS)

=> 16 and 17
L8          7 L6 AND L7

=> d l8 1-7 ti

L8   ANSWER 1 OF 7  CAPLUS  COPYRIGHT 2005 ACS on STN
TI   Preparation of alicyclic ester with musk fragrance for perfumes or body
     care products

L8   ANSWER 2 OF 7  CAPLUS  COPYRIGHT 2005 ACS on STN
TI   Odorous compositions containing (1S,1'R)-2-[1-(3',3'-dimethyl-1'-
     cyclohexyl)ethoxy]-2-methyl-1-propanol alkenoate esters

L8   ANSWER 3 OF 7  CAPLUS  COPYRIGHT 2005 ACS on STN
TI   Methods for the production of novel alicyclic esters having a musky smell

L8   ANSWER 4 OF 7  CAPLUS  COPYRIGHT 2005 ACS on STN
TI   Preparation of cycloalkanecarboxylic acid derivatives for use as
     fragrances with musk characteristics

L8   ANSWER 5 OF 7  CAPLUS  COPYRIGHT 2005 ACS on STN
TI   A method for the calculation of odor character from molecular
     structure

L8   ANSWER 6 OF 7  CAPLUS  COPYRIGHT 2005 ACS on STN
TI   Preparation of esters with musky odor and their use in perfumery

L8   ANSWER 7 OF 7  CAPLUS  COPYRIGHT 2005 ACS on STN
TI   Synthesis of ethylene glycol mixed esters of alkanoic and cyclohexanoic
     acids


=> d l8 1-7 ti fbib abs

L8   ANSWER 1 OF 7  CAPLUS  COPYRIGHT 2005 ACS on STN
TI   Preparation of alicyclic ester with musk fragrance for perfumes or body
     care products
AN   2005:120865  CAPLUS
DN   142:198227
TI   Preparation of alicyclic ester with musk fragrance for perfumes or body
     care products
IN   Eh, Marcus
PA   Symrise GmbH & Co. KG, Germany
SO   PCT Int. Appl., 42 pp.
     CODEN: PIXXD2
DT   Patent
LA   German
FAN.CNT 1
     PATENT NO.          KIND   DATE        APPLICATION NO.         DATE
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PI   WO 2005012222        A1    20050210    WO 2004-EP51361         20040705
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             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
             LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
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TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

DE 2003-10335053 A 20030731

DE 10335053 A1 20050224 DE 2003-10335053 20030731

OS CASREACT 142:198227; MARPAT 142:198227

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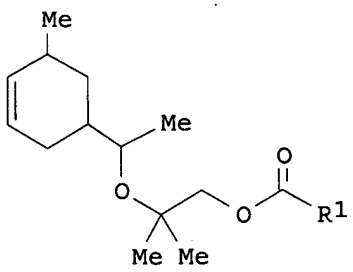

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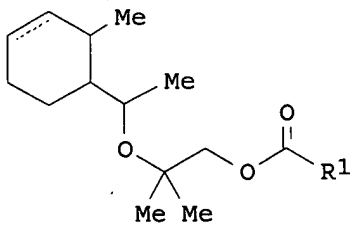

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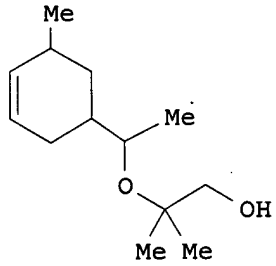
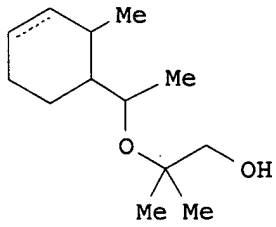


III



IV

AB A compds. I [R1 = (un)substituted, (un)branched C1-5-alkyl, (un)branched C2-5-alkylene, C3-5-cycloalkyl] and II [dotted line may be either a single or a double bond] are disclosed. The procedure for the preparation of I comprises the esterification with alcs. III and IV. Thus, propionic acid 2-methyl-2-[1-(2-methylcyclohexyl)ethoxy]propyl ester [II; R1 = Et, dashed line = single bond] was prepared from MeCOC6H4Me-2 via hydrogenation with Ru/C, reaction with isobutylene oxidation in the presence of BF3·OEt2, and acylation with (EtCO)2O in the presence of Et3N and catalytic DMAP. A perfume formulation containing I (R1 = Et, dashed line = single bond) was prepared

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN
TI Odorous compositions containing (1S,1'R)-2-[1-(3',3'-dimethyl-1'-cyclohexyl)ethoxy]-2-methyl-1-propanol alkenoate esters
AN 2004:780341 CAPLUS
DN 141:301056
TI Odorous compositions containing (1S,1'R)-2-[1-(3',3'-dimethyl-1'-cyclohexyl)ethoxy]-2-methyl-1-propanol alkenoate esters
IN Williams, Alvin Scott
PA Switz.
SO U.S. Pat. Appl. Publ., 6 pp.
CODEN: USXXCO

DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2004186043	A1	20040923	US 2004-792375	20040302
			WO 2003-IB1079 A	20030319
EP 1459735	A1	20040922	EP 2004-100807	20040301
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
			WO 2003-IB1079 A	20030319
JP 2004285357	A2	20041014	JP 2004-81377	20040319
			WO 2003-IB1079 A	20030319

OS MARPAT 141:301056
AB The present invention relates to the field of perfumery, and more precisely to a compound such as (1S,1'R)-2-[1-(3',3'-dimethyl-1'-cyclohexyl)ethoxy]-2-methylpropyl 2-propenoate (I). The present invention concerns also the use of the compound in the perfumery industry as well as the compns. or articles associated with the compound Thus, to a suspension of NaH (0.368 mol) in 1000 mL of dry THF at 0° were added dropwise 70.0 g (1S,1'R)-2-[1-(3',3'-dimethyl-1'-cyclohexyl)ethoxy]-2-methyl-1-propanol followed by the addition of acryloyl chloride. A 96% pure 2-[1-(3',3'-dimethyl-1'-cyclohexyl)ethoxy]-2-methylpropyl 2-propenoate in the form of a mixture containing 81% of the (1S,1'R) diastereoisomer and 19% of 3 other diastereomers was obtained.. The addition of 60 parts by weight of I to a standard perfuming composition imparted to the latter a powerful musky aspect, which is also smooth and fresh, together with a green, pear's peel connotation and a Galbanum undernote.

L8 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN
TI Methods for the production of novel alicyclic esters having a musky smell
AN 2003:796643 CAPLUS
DN 139:307907
TI Methods for the production of novel alicyclic esters having a musky smell
IN Eh, Marcus
PA Symrise GmbH & Co. KG, Germany
SO PCT Int. Appl., 45 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003082799	A2	20031009	WO 2003-EP3294	20030329
WO 2003082799	A3	20031231		
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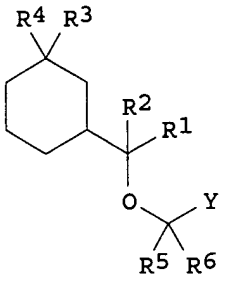
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
			DE 2002-10214675 A	20020403
DE 10214675	A1	20031016	DE 2002-10214675	20020403
BR 2003004218	A	20040727	BR 2003-4218	20030329
			DE 2002-10214675 A	20020403
			WO 2003-EP3294 W	20030329
EP 1492759	A2	20050105	EP 2003-732270	20030329
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

DE 2002-10214675 A 20020403
WO 2003-EP3294 W 20030329

OS CASREACT 139:307907; MARPAT 139:307907

GI



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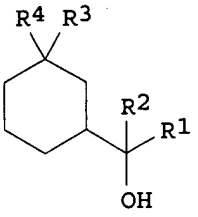
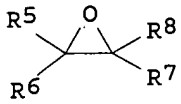


II



III

AB The invention relates to novel alicyclic esters I [R1 = Me; R2, R4 = H; R3 = H, Me; R5, R6 = H, Me; Y = CR7R8OC(:O)R9; R7, R8 = H, Me; R9 = C1-5-alkyl,C2-5-alkylene; or R1, R2 = Me, Et; R3, R4 = H, Me; R5R6 = O; Y = CR7R8OC(:O)R9; or R1, R2 = Me, Et; R4, R5, R6, R7 = H, Me; Y = CR7R8OC(:O)R9], methods for their production, for their use as odorous substances for perfumed products and for odorous substance mixts. containing the inventive compds. The procedure for the preparation of I is characterized by reaction of cyclohexylalkanols II with carboxylic acids [R9CO2CR7R8CO2H, R9CO2H or XCR7R8CO2H (X = OH, halogen)] anhydrides [(R9CO2)2O or (XCR7R8CO2)2O], or epoxides, III. Thus, I [R1 = Me, R2 - R4 = H, R6 = CHMe2, Y = O2CEt] was prepared from 1-cyclohexylethanol via reaction with isobutylene oxide in cyclohexane containing BF3·OEt2, followed by reaction with (EtCO2)2O containing Et3N in the presence of catalytic DMAP. The **odor** of I [R1 = Me, R2 - R4 = H, R6 = CHMe2, Y = O2CEt] was characterized (perceptible rose bloom note).

L8 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN
TI Preparation of cycloalkanecarboxylic acid derivatives for use as fragrances with musk characteristics
AN 2002:925306 CAPLUS
DN 138:4714
TI Preparation of cycloalkanecarboxylic acid derivatives for use as fragrances with musk characteristics
IN Kraft, Philip; Cadalbert, Riccardo
PA Givaudan SA, Switz.
SO Eur. Pat. Appl., 13 pp.
CODEN: EPXXDW
DT Patent

LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1262474	A1	20021204	EP 2001-113377	20010601
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	WO 2002096852	A1	20021205	WO 2002-CH282	20020530
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				EP 2001-113377 A	20010601
	EP 1392640	A1	20040303	EP 2002-727147	20020530
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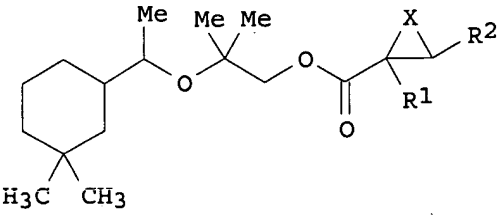
				EP 2001-113377 A	20010601
				WO 2002-CH282 W	20020530
	BR 2002010098	A	20040413	BR 2002-10098	20020530
				EP 2001-113377 A	20010601
				WO 2002-CH282 W	20020530
	JP 2004535412	T2	20041125	JP 2003-500032	20020530
				EP 2001-113377 A	20010601
				WO 2002-CH282 W	20020530
	US 2004234568	A1	20041125	US 2004-478626	20040614
				EP 2001-113377 A	20010601
				WO 2002-CH282 W	20020530

OS MARPAT 138:4714
GI



I

AB Odorant cycloalkanecarboxylic acid esters, such as I [R1, R2 = H, Me; X = (CH2)n; n = 1, 2, 3; n plus number of carbon atoms in R1 and R2 is less than 5], with musk **odor** were prepared for use as ingredients in fine-fragrances and functional perfumery compns. Thus, I (R1 = R2 = H, X = CH2) was prepared by O-alkylation of α,3,3-trimethylcyclohexylmethanol with isobutylene oxide using EtAlCl2 in toluene, and subsequent esterification of the resulting alc. with cyclopropanecarboxylic acid using DMAP and DCC in CH2Cl2. Fragrance formulations of the prepd cycloalkanecarboxylic acid esters were presented.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN
TI A method for the calculation of **odor** character from molecular structure
AN 2002:610108 CAPLUS

DN 139:3137
TI A method for the calculation of **odor** character from molecular structure
AU Turin, L.
CS Department of Physiology, University College London, London, WC1E 6BT, UK
SO Journal of Theoretical Biology (2002), 216(3), 367-385
CODEN: JTBIAP; ISSN: 0022-5193
PB Elsevier Science Ltd.
DT Journal
LA English
AB The relationship between mol. structure and **odor** character is one of the most complex structure-activity problems in biol. Despite over a century of effort, it remains unsolved, and synthesis of new odorants still proceeds largely by trial and error. In previous work, I have argued that the reason for this failure lies in a mistaken assumption, namely that mol. shape dets. **odor** character. Instead, I have taken up and extended an old idea (Dyson, 1938) according to which vertebrate olfactory receptors detect odorants by their mol. vibrations. I propose that the detection mechanism is inelastic electron tunnelling. If this is correct, there should be a correlation between the tunnelling vibrational spectra of odorants and their **odor** character. Here, using semi-empirical quantum chemical methods and a simple calcn. method for tunnelling mode intensities, I calculate the spectra of structurally diverse odorants belonging to various **odor** categories. With few exceptions, the calculated spectra of bitter almonds, musks, ambers, woods, sandalwoods and violets strongly correlate with **odor** character.
RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN
TI Preparation of esters with musky **odor** and their use in perfumery
AN 2000:175782 CAPLUS
DN 132:194523
TI Preparation of esters with musky **odor** and their use in perfumery
IN Williams, Alvin S.
PA Firmenich S. A., Switz.
SO PCT Int. Appl., 24 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
PI	WO 2000014051	A1	20000316	WO 1999-IB1469		19990825
	W: CA, CN, IL, IN, JP, US					
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE					
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	CA 2309449	AA	20000316	CA 1999-2309449		19990825
				CH 1998-1841	A	19980909
				WO 1999-IB1469	W	19990825
	EP 1047660	A1	20001102	EP 1999-936930		19990825
	EP 1047660	B1	20030129			
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI					
				CH 1998-1841	A	19980909
				WO 1999-IB1469	W	19990825
	JP 2002524438	T2	20020806	JP 2000-568811		19990825
				CH 1998-1841	A	19980909
				WO 1999-IB1469	W	19990825
	AT 231834	E	20030215	AT 1999-936930		19990825
				CH 1998-1841	A	19980909
				WO 1999-IB1469	W	19990825
	ES 2192067	T3	20030916	ES 1999-936930		19990825
				CH 1998-1841	A	19980909

US 6384269	B1	20020507	US 2000-553376		20000420
			WO 1999-IB1469	A1	19990825
US 38659	E	20041123	US 2002-326341		20021223
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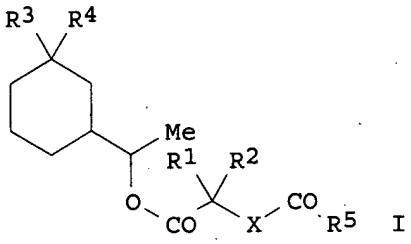
OS MARPAT 132:194523
GI



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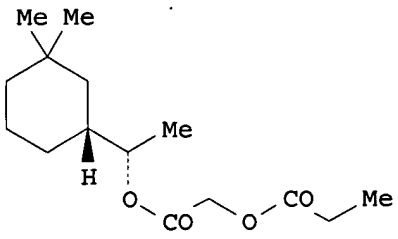

II

AB Cyclohexanemethanol esters I [R1, R2, R3, R4, R6, R7 = H, Me, Et; R5 = alkyl, alkoxy, alkenyl, acyloxy; X = CR6R7], which have a musky **odor**, were prepared for use as perfume additives. Thus, ester II was prepared with 79.5% yield by esterification of (+)-[S-(R*,S*)]-α,3,3-trimethylcyclohexanemethanol with EtCO2CH2COCl. Perfuming compns. of the prepared compds. were presented.

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN
TI Synthesis of ethylene glycol mixed esters of alkanoic and cyclohexanoic acids
AN 1968:77820 CAPLUS
DN 68:77820
TI Synthesis of ethylene glycol mixed esters of alkanoic and cyclohexanoic acids
AU Zeinalov, B. K.; Radzhalov, D. T.; Dzhafarova, A. A.; Muradyan, N. V.
SO Azerbaidzhanskii Khimicheskii Zhurnal (1967), (2), 35-7
CODEN: AZKZAU; ISSN: 0005-2531
DT Journal
LA Russian
GI For diagram(s), see printed CA Issue.
AB Acyloxyethyl esters (I and II) (tabulated) of cyclohexane- and 1,1-methylcyclohexanecarboxylic acids (sic) were prepared in 60-70% yield by heating a stirred mixture of 0.5 mole of the resp. alkanoic acid, 0.5 mole β-hydroxyethyl cyclohexanecarboxylate (II) or β-hydroxyethyl 1-methyl-1-cyclohexanecarboxylate (IV) 1% by weight of H2SO4, and 150 ml. dry C6H6 at 85-90° for 3-8 hrs., with a H2O aspirator in operation, distilling C6H6 from the neutralized, washed solution, and vacuum distilling the residue. The products were oily liqs. with pleasant ester **odors** and had good solubilizing and plasticizing properties. Poly(vinyl chloride) plasticized with these esters was distinguished by high elasticity. III, b1.5 110-12°, d20 1.0668, n20D 1.4680, and IV, b1 105-6°, d20 1.0436, n20D 1.4665, were prepared by condensing the resp. acids with ClCH2CH2OH in the presence of 40% aqueous alkali. [TABLE OMITTED]

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	30.78	196.82

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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)        SINCE FILE      TOTAL
                                                      ENTRY    SESSION
CA SUBSCRIBER PRICE                                   -5.11      -5.11

FILE 'REGISTRY' ENTERED AT 06:44:54 ON 19 JUL 2005
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provided by InfoChem.

STRUCTURE FILE UPDATES:   17 JUL 2005  HIGHEST RN 855596-49-5
DICTIONARY FILE UPDATES:  17 JUL 2005  HIGHEST RN 855596-49-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

*********************************************************************
*                                                                   *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                   *
*********************************************************************

Structure search iteration limits have been increased.  See HELP SLIMITS
for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=> e 1-Propanol, 2-(1-cyclohexyl-1-methylethoxy)-, propanoate/cn
E1            1     1-PROPANOL, 2-(1-BUTOXYETHOXY)-, (2R)-/CN
E2            1     1-PROPANOL, 2-(1-CYCLOHEXYL-1-METHYLETHOXY)-, ACETATE/CN
E3            1 --> 1-PROPANOL, 2-(1-CYCLOHEXYL-1-METHYLETHOXY)-, PROPANOATE/CN
E4            1     1-PROPANOL, 2-(1-CYCLOHEXYLETHOXY)-2-METHYL-/CN
E5            1     1-PROPANOL, 2-(1-CYCLOHEXYLETHOXY)-2-METHYL-, ACETATE/CN
E6            1     1-PROPANOL, 2-(1-CYCLOHEXYLETHOXY)-2-METHYL-, PROPANOATE/CN
E7            1     1-PROPANOL, 2-(1-CYCLOHEXYLPROPOXY)-2-METHYL-, ACETATE/CN
E8            1     1-PROPANOL, 2-(1-CYCLOHEXYLPROPOXY)-2-METHYL-, PROPANOATE/CN
E9            1     1-PROPANOL, 2-(1-ETHOXYETHOXY)-/CN
E10           1     1-PROPANOL, 2-(1-ETHOXYETHOXY)-, (2R)-/CN
E11           1     1-PROPANOL, 2-(1-ETHOXYETHOXY)-, (2R)-(PARTIAL)-/CN
E12           1     1-PROPANOL, 2-(1-ETHOXYETHOXY)-, (2S)-/CN

=> e3
L9            1 "1-PROPANOL, 2-(1-CYCLOHEXYL-1-METHYLETHOXY)-, PROPANOATE"/CN

=> d l9

L9   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2005 ACS on STN
RN   610769-92-1  REGISTRY
ED   Entered STN:  30 Oct 2003
CN   1-Propanol, 2-(1-cyclohexyl-1-methylethoxy)-, propanoate (9CI)
     (CA INDEX NAME)
FS   3D CONCORD
MF   C15 H28 O3
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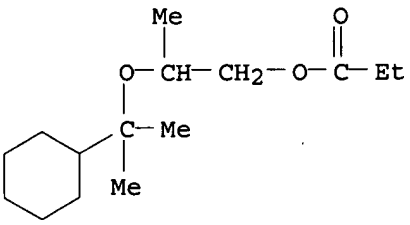
SR CA
LC STN Files: CA, CAPLUS, CASREACT



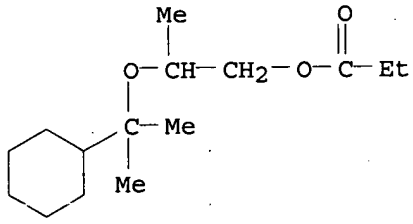
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> search l9 exact full
L10 1 "1-PROPANOL, 2-(1-CYCLOHEXYL-1-METHYLETHOXY)-, PROPANOATE"/CN

=> d l10

L10 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN 610769-92-1 REGISTRY
ED Entered STN: 30 Oct 2003
CN **1-Propanol, 2-(1-cyclohexyl-1-methylethoxy)-, propanoate (9CI)**
(CA INDEX NAME)
FS 3D CONCORD
MF C15 H28 O3
SR CA
LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-5.11

FILE 'CAPLUS' ENTERED AT 06:45:43 ON 19 JUL 2005
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FILE COVERS 1907 - 19 Jul 2005 VOL 143 ISS 4
FILE LAST UPDATED: 18 Jul 2005 (20050718/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

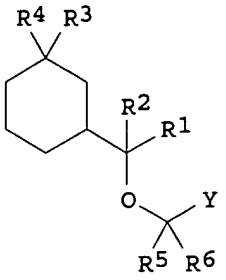
=> l10
L11 1 L10

=> d l11 ti fbib abs

L11 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
TI Methods for the production of novel alicyclic esters having a musky smell
AN 2003:796643 CAPLUS
DN 139:307907
TI Methods for the production of novel alicyclic esters having a musky smell
IN Eh, Marcus
PA Symrise GmbH & Co. KG, Germany
SO PCT Int. Appl., 45 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
PI	WO 2003082799	A2	20031009	WO 2003-EP3294		20030329
	WO 2003082799	A3	20031231			
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW					
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG					
				DE 2002-10214675	A	20020403
	DE 10214675	A1	20031016	DE 2002-10214675		20020403
	BR 2003004218	A	20040727	BR 2003-4218		20030329
				DE 2002-10214675	A	20020403
				WO 2003-EP3294	W	20030329
	EP 1492759	A2	20050105	EP 2003-732270		20030329
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK					
				DE 2002-10214675	A	20020403
				WO 2003-EP3294	W	20030329

OS CASREACT 139:307907; MARPAT 139:307907
GI



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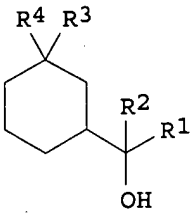

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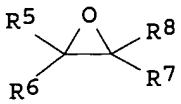

III

AB The invention relates to novel alicyclic esters I [R1 = Me; R2, R4 = H; R3 = H, Me; R5, R6 = H, Me; Y = CR7R8OC(:O)R9; R7, R8 = H, Me; R9 = C1-5-alkyl,C2-5-alkylene; or R1, R2 = Me, Et; R3, R4 = H, Me; R5R6 = O; Y = CR7R8OC(:O)R9; or R1, R2 = Me, Et; R4, R5, R6, R7 = H, Me; Y = CR7R8OC(:O)R9], methods for their production, for their use as odorous substances for perfumed products and for odorous substance mixts. containing the inventive compds. The procedure for the preparation of I is characterized by reaction of cyclohexylalkanols II with carboxylic acids [R9CO2CR7R8CO2H, R9CO2H or XCR7R8CO2H (X = OH, halogen)] anhydrides [(R9CO2)2O or (XCR7R8CO2)2O], or epoxides, III. Thus, I [R1 = Me, R2 - R4 = H, R6 = CHMe2, Y = O2CEt] was prepared from 1-cyclohexylethanol via reaction with isobutylene oxide in cyclohexane containing BF3·OEt2, followed by reaction with (EtCO2)2O containing Et3N in the presence of catalytic DMAP. The odor of I [R1 = Me, R2 - R4 = H, R6 = CHMe2, Y = O2CEt] was characterized (perceptible rose bloom note).

=> d his

(FILE 'HOME' ENTERED AT 06:25:36 ON 19 JUL 2005)

FILE 'REGISTRY' ENTERED AT 06:27:51 ON 19 JUL 2005

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L3		STRUCTURE UPLOADED
L4	0	SEARCH L3 SSS SAM
L5	74	SEARCH L3 SSS FULL
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		SAVE TEMP ODORREFS/A L6
L7	69532	ODOR
L8	7	L6 AND L7

FILE 'REGISTRY' ENTERED AT 06:44:54 ON 19 JUL 2005
E 1-PROPANOL, 2-(1-CYCLOHEXYL-1-METHYLETHOXY)-, PROPANOATE/CN
L9 1 E3
L10 1 SEARCH L9 EXACT FULL

FILE 'CAPLUS' ENTERED AT 06:45:43 ON 19 JUL 2005
L11 1 L10

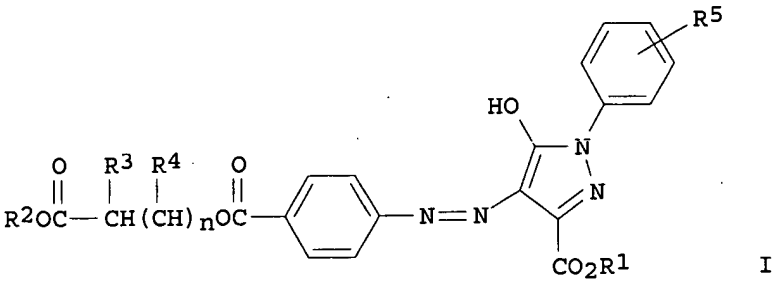
=> l6 not l8
L12 14 L6 NOT L8

=> d l12 10-14 ti fbib abs

L12 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2005 ACS on STN
TI Yellow dyes, ink compositions containing the same, and thermal transfer recording sheets using the same, giving high-density stable images resistant to heat, light, or humidity
AN 1998:693003 CAPLUS
DN 130:14995
TI Yellow dyes, ink compositions containing the same, and thermal transfer recording sheets using the same, giving high-density stable images resistant to heat, light, or humidity
IN Ogiso, Akira; Shimokawa, Yasushi; Ito, Naoto
PA Mitsui Chemicals Inc., Japan
SO Jpn. Kokai Tokkyo Koho, 17 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 10287056	A2	19981027	JP 1997-98915	19970416
JP 3582954	B2	20041027	JP 1997-98915	19970416

OS MARPAT 130:14995
GI



I

AB The title dyes have the general formula I, wherein R1, R2 = C1-10 (un)substituted alkyl, alkoxyalkyl; R3, R4 = H, Me; R5 = H, halogen, (un)substituted alkyl, alkoxy; n = 0, 1. An ink comprised I (R1 = R2 = Et; R3 = R5 = H; n = 0) 3, polybutyral resin 4.5, MEK 46.25, and toluene 46.25 parts.

L12 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2005 ACS on STN
TI Branched bismethacrylates based on bis-GMA - a systematic route to low shrinkage composites
AN 1997:579234 CAPLUS
DN 127:221335
TI Branched bismethacrylates based on bis-GMA - a systematic route to low shrinkage composites

AU Holter, Dirk; Frey, Holger; Mulhaupt, Rolf
CS Institut fur Makromolekulare Chemie und Freiburger Materialforschungszentrum (FMF) der Albert-Ludwigs-Universitat, Freiburg i. Br., D-79104, Germany
SO Polymer Preprints (American Chemical Society, Division of Polymer Chemistry) (1997), 38(2), 84-85
CODEN: ACPPAY; ISSN: 0032-3934
PB American Chemical Society, Division of Polymer Chemistry
DT Journal
LA English
AB Bismethacrylate monomers were prepared by esterification of bisphenol A diglycidyl methacrylate (Bis-GMA) with different aliphatic and aromatic acids. The relationship between mol. structure, viscosity, volume shrinkage and mech. properties was studied. Variation of the side groups attached to the Bis-GMA scaffold allows to decrease viscosity and volume shrinkage concurrently. To obtain reasonable mech. properties Ph rings were introduced into the side groups. 4-Phenylbutyric acid derivatized Bis-GMA shows a viscosity of 51 Pas. The resp. composite with 50 vol% of a glass filler reveals a volume shrinkage of 1.5% and an E-modulus of 6,300 MPa.

L12 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2005 ACS on STN
TI Lipase-catalyzed resolution of 3-(aryloxy)-1,2-propanediol derivatives. Towards an improved active site model of Pseudomonas cepacia lipase (Amano PS)
AN 1995:663901 CAPLUS
DN 123:339233
TI Lipase-catalyzed resolution of 3-(aryloxy)-1,2-propanediol derivatives. Towards an improved active site model of Pseudomonas cepacia lipase (Amano PS)
AU Theil, Fritz; Lemke, Karin; Ballschuh, Sibylle; Kunath, Annamarie; Schick, Hans
CS Inst. Angewandte Chemie Berlin-Adlershof e.V., Berlin, D-12484, Germany
SO Tetrahedron: Asymmetry (1995), 6(6), 1323-44
CODEN: TASYE3; ISSN: 0957-4166
PB Elsevier
DT Journal
LA English
OS CASREACT 123:339233
AB A variety of 3-(aryloxy)-1,2-propanediol derivs. with different substituents on the aromatic ring or at the primary hydroxy group were used as substrates for kinetic resolution by transesterification with vinyl acetate catalyzed by lipase from Pseudomonas cepacia (Amano PS). Derivs. with substituents in the para position of the aromatic ring were accepted as substrates and resolved with high enantioselectivity. The corresponding derivs. with substituents in the ortho position were much worse substrates for lipase PS or even non-substrates if the substituent was sufficiently space-filling, e.g., tert-Bu, Ph, benzyl or benzoyl. If the primary hydroxy group was substituted by unbranched long-chain acyl residues, very good substrates resulted. In contrast, derivs. with sterically crowded residues at the primary hydroxy group (e.g., pivaloyl, tert-butyldimethylsilyl, methanesulfonyl, p-toluenesulfonyl, or trityl) were non-substrates for lipase PS.

L12 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2005 ACS on STN
TI Preparation of 4-cycloalkyl-3-oxapentyl alkanoates as perfume fragrances
AN 1992:407513 CAPLUS
DN 117:7513
TI Preparation of 4-cycloalkyl-3-oxapentyl alkanoates as perfume fragrances
IN Giersch, Wolfgang Klaus; Schulte-Elte, Karl Heinrich
PA Firmenich S. A., Switz.
SO Eur. Pat. Appl., 15 pp.
CODEN: EPXXDW
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 472966	A1	19920304	EP 1991-113240	19910807
	EP 472966	B1	19940928		
	R: CH, DE, FR, GB, LI, NL				
				CH 1990-2799 A	19900828
	US 5166412	A	19921124	US 1991-741027	19910806
				CH 1990-2799 A	19900828
	JP 06072952	A2	19940315	JP 1991-214881	19910827
	JP 2974834	B2	19991110		
				CH 1990-2799 A	19900828

OS MARPAT 117:7513

AB RCHMeOCR1R2CR3R4O2CR5 (R = 3,3-dimethylcyclopentyl, -cyclohexyl; when R1 = R2 = H, R3 and/or R4 = Me; when R3 = R4 = H, R1 and/or R2 = Me; R5 = alkyl) were prepared Thus, 1-(3,3-dimethyl-1-cyclohexyl)-1-ethanone was ketalized by HOCH2CHMeOH and the dioxolane product reduced with Dibal to give RCHMeOCHMeCH2OR4 (I; R = 3,3-dimethylcyclohexyl) (II; R4 = H) and RCHMeOCH2CHMeOR4 (III; R same as I) (IV; R4 = H) as a mixture which was treated with EtCOCl to give II and IV (R4 = EtCO in each) as mixts. of diastereomers. Perfume formulations comprising title compds. are given.

L12 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2005 ACS on STN

TI Photopolymerizing compositions

AN 1983:603607 CAPLUS

DN 99:203607

TI Photopolymerizing compositions

PA Mitsubishi Chemical Industries Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF

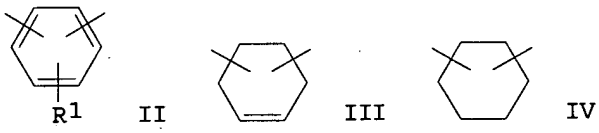
DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 58134629	A2	19830810	JP 1982-16761	19820204
				JP 1982-16761	19820204

GI



AB Photopolymg. compns. contain (1) a binder polymer having monomer unit of the general formula CH2CRCO2C2H4OCOZCO2H (I) [R = H, Me; Z = II, III, IV, (CH2)n, CH:CR2 (R1 = H, CO2H; R2 = H, Me; n = 2, 3)], (2) an unsatd. compound polymerizable by addition having ≥1 ethylenically unsatd. bonds, and (3) a photopolymn. initiator. The composition provides photosensitive materials with good adhesivity and abrasion resistance. Thus, Me methacrylate 85.5, isophthalic acid mono-β-methacryloxyethyl ester 12.5 and benzoyl peroxide 0.5 were reacted and purified to obtain a copolymer suitable as a binder polymer. An Al support was coated first with a mixture of the binder polymer, pentaerythritol triacrylate, and a photopolymn. initiator and subsequently overcoated with a poly(vinyl alc.) layer to give a photopolymn. imaging material. The material showed excellent performance.

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION

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FULL ESTIMATED COST                                    18.15      228.28

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)        SINCE FILE       TOTAL
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CA SUBSCRIBER PRICE                                    -4.38      -9.49

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SESSION RESUMED IN FILE 'CAPLUS' AT 07:14:36 ON 19 JUL 2005
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)        SINCE FILE       TOTAL
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CA SUBSCRIBER PRICE                                    -4.38      -9.49

=> d his

     (FILE 'HOME' ENTERED AT 06:25:36 ON 19 JUL 2005)

     FILE 'REGISTRY' ENTERED AT 06:27:51 ON 19 JUL 2005
L1             STRUCTURE UPLOADED
L2          50 SEARCH L1 SSS SAM
L3             STRUCTURE UPLOADED
L4           0 SEARCH L3 SSS SAM
L5          74 SEARCH L3 SSS FULL
               SAVE TEMP L5 RAWFINDS/A

     FILE 'CAPLUS' ENTERED AT 06:33:54 ON 19 JUL 2005
L6          21 L5
               SAVE TEMP ODORREFS/A L6
L7       69532 ODOR
L8           7 L6 AND L7

     FILE 'REGISTRY' ENTERED AT 06:44:54 ON 19 JUL 2005
               E 1-PROPANOL, 2-(1-CYCLOHEXYL-1-METHYLETHOXY)-, PROPANOATE/CN
L9           1 E3
L10          1 SEARCH L9 EXACT FULL

     FILE 'CAPLUS' ENTERED AT 06:45:43 ON 19 JUL 2005
L11          1 L10
L12         14 L6 NOT L8

=> fragr?
L13      13878 FRAGR?

=> l6 and l13
L14          3 L6 AND L13
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=> l14 not l8
L15          1 L14 NOT L8

=> d l15 ti fbib abs

L15  ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2005 ACS on STN
TI   Preparation of 4-cycloalkyl-3-oxapentyl alkanoates as perfume
     fragrances
AN   1992:407513  CAPLUS
DN   117:7513
TI   Preparation of 4-cycloalkyl-3-oxapentyl alkanoates as perfume
     fragrances
IN   Giersch, Wolfgang Klaus; Schulte-Elte, Karl Heinrich
PA   Firmenich S. A., Switz.
SO   Eur. Pat. Appl., 15 pp.
     CODEN: EPXXDW
DT   Patent
LA   French
FAN.CNT 1
     PATENT NO.           KIND   DATE        APPLICATION NO.          DATE
     ---------------      ----   --------    --------------------     --------
PI   EP 472966            A1     19920304    EP 1991-113240           19910807
     EP 472966            B1     19940928
         R:  CH, DE, FR, GB, LI, NL
                                             CH 1990-2799         A   19900828
     US 5166412           A      19921124    US 1991-741027           19910806
                                             CH 1990-2799         A   19900828
     JP 06072952          A2     19940315    JP 1991-214881           19910827
     JP 2974834           B2     19991110
                                             CH 1990-2799         A   19900828
OS   MARPAT 117:7513
AB   RCHMeOCR1R2CR3R4O2CR5 (R = 3,3-dimethylcyclopentyl, -cyclohexyl; when R1 =
     R2 = H, R3 and/or R4 = Me; when R3 = R4 = H, R1 and/or R2 = Me; R5 =
     alkyl) were prepared  Thus, 1-(3,3-dimethyl-1-cyclohexyl)-1-ethanone was
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     give RCHMeOCHMeCH2OR4 (I; R = 3,3-dimethylcyclohexyl) (II; R4 = H) and
     RCHMeOCH2CHMeOR4 (III; R same as I) (IV; R4 = H) as a mixture which was
     treated with EtCOCl to give II and IV (R4 = EtCO in each) as mixts. of
     diastereomers.  Perfume formulations comprising title compds. are given.


=> d cost
COST IN U.S. DOLLARS                                  SINCE FILE      TOTAL
                                                        ENTRY     SESSION
CONNECT CHARGES                                           4.68       16.37
NETWORK CHARGES                                           0.72        2.70
SEARCH CHARGES                                            1.89      173.88
DISPLAY CHARGES                                          18.55       43.02
                                                        -------    -------
FULL ESTIMATED COST                                      25.84      235.97

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)            SINCE FILE      TOTAL
                                                        ENTRY     SESSION
CA SUBSCRIBER PRICE                                      -5.11      -10.22

IN FILE 'CAPLUS' AT 07:18:43 ON 19 JUL 2005


=> logoff hold
COST IN U.S. DOLLARS                                  SINCE FILE      TOTAL
                                                        ENTRY     SESSION
FULL ESTIMATED COST                                      25.84      235.97

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)            SINCE FILE      TOTAL
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CA SUBSCRIBER PRICE -5.11 -10.22

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PASSWORD:
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	25.84	235.97

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-5.11	-10.22

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	25.84	235.97

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-5.11	-10.22

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STN INTERNATIONAL SESSION SUSPENDED AT 08:02:06 ON 19 JUL 2005